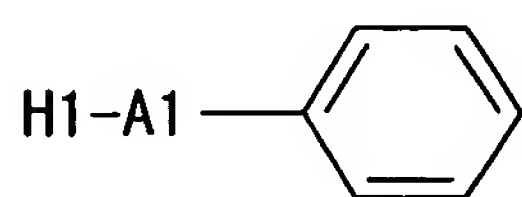
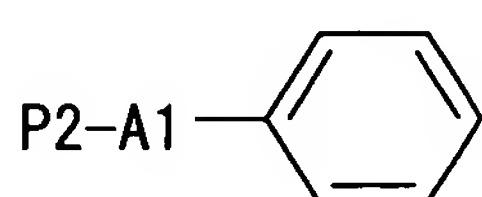


## ABSTRACT

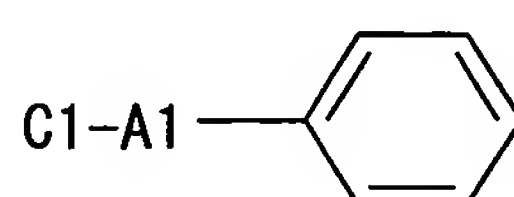
The present invention relates to a method for producing a picolinic acid compound. Specifically, the present invention relates to a method for producing a picolinic acid compound, which comprises reacting an aromatic compound that contains a phenyl group represented by the following formula (I), (II), or (III) with aromatic ring dioxygenase, aromatic ring dihydrodiol dehydrogenase, and aromatic ring diol dioxygenase, and obtaining a picolinic acid compound (I'), (II'), or (III').



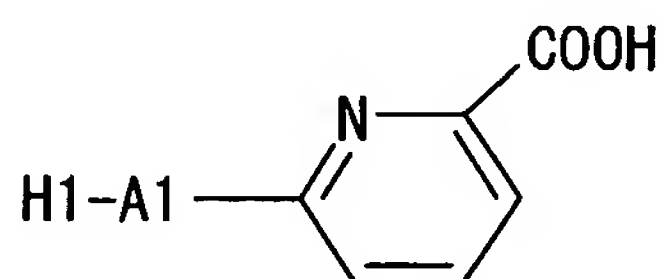
(I)



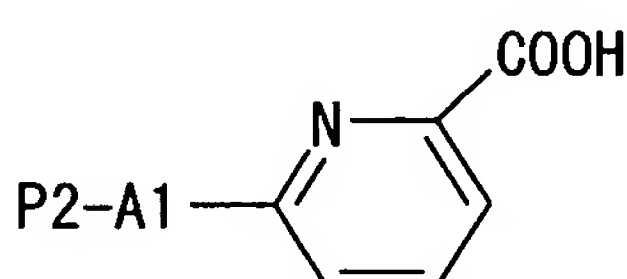
(II)



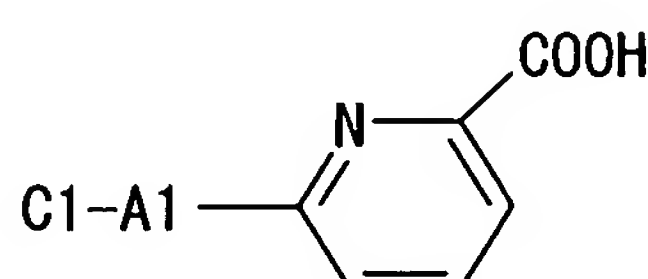
(III)



(I')



(II')



(III')

wherein, H1 is an optionally substituted heterocyclic group, A1 is a single bond or an optionally substituted C<sub>1-4</sub> alkylene group or alkenylene group, P2 is an optionally substituted phenyl group, and C1 is an optionally substituted cyclic hydrocarbon group (excluding a phenyl group), and where formula II does not represent diphenylacetylene.